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To The Chairman and Members of the Newark Green District Council,
My Chairman, Ladies and Gentlemen,
I present, as before, my annual report for the year 1970 with
figures for birth, deaths and marriages.

URBAN DISTRICT OF BAKEWELL

ANNUAL REPORT

OF THE


MEDICAL OFFICER OF HEALTH

HUGH G. WATSON, M.B., C.H.B

FOR THE YEAR

1970





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To: The Chairman and Members of the Bakewell Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I present, as under, my Annual Report for the year 1970 with various Vital Statistics and Sanitary Circumstances.

STATISTICS

Area	3061 acres
Population Census 1961	3606
Population Mid-Year 1970, estimated by the Registrar General	4130
Rateable Value	£174,166
Product of Penny Rate	£676

BIRTHS

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Live Births			
Legitimate	36	18	18
Illegitimate	2	1	1
	<hr/>		
	38	19	19
Still Births			
Legitimate	0	0	0
Illegitimate	0	0	0
	<hr/>		
	0	0	0
Birth Rate (Crude) per 1,000 estimated population :			9.2
Birth Rate (Comparable) :			9.9
Illegitimate Live Births per cent of Total			
Live Births	..		5
Still Birth Rate per 1,000 total Live & Still Births	..		0

Infant Mortality

Death of Infants under 1 year of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	2	0
Illegitimate	0	0	0
	<hr/>		
	2	2	0

Deaths of Infants under 4 weeks of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	2	0
Illegitimate	0	0	0
	<hr/>		
	2	2	0

Deaths of Infants under 1 week of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	2	0
Illegitimate	0	0	0
	<hr/> 2	<hr/> 2	<hr/> 0

Infant Mortality Rates

Total Infant Deaths per 1,000 Live Births	53
Legitimate Infant deaths per 1,000 Legitimate Live Births	56
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	0
Neo-natal Mortality Rate (Deaths under 4 weeks per 1,000 total Live Births)	53
Early Neo-natal Mortality Rate (Deaths under 1 week per 1,000 Total Live Births)	53
Peri-natal Mortality Rate (Still Births and Deaths under 1 week per 1,000 Total Live and Still Births)	53

Deaths

<u>Total</u>	<u>Male</u>	<u>Female</u>	
75	46	29	
Death Rate (Crude) per 1,000 estimated population			18.2
Death Rate (Comparable) per 1,000 estimated population			10.6

COMPARABLE VITAL STATISTICS 1969/70

	<u>England & Wales</u>		<u>Bakewell U.D.C.</u>	
	1969	1970	1969	1970
Live Birth Rate per 1,000 estimated population	16.3	16.0	10.4	9.9
Death Rate per 1,000 estimated population	11.9	11.7	8.9	10.6
Infant Mortality Rate Deaths under 1 year per 1,000 Total Live Births	18.0	16.0	NIL	53
Still Birth Rate per 1,000 Total Live and Still Births	13.0	13.0	24	NIL
Neo-natal Mortality Rate Deaths under 4 weeks per 1,000 Total Live Births	12.0	12.0	NIL	53
Peri-natal Mortality Rate Still Births and Deaths under 1 week	23.0	23.0	24.0	53

The infant mortality rate of 53 is apparently very high, but this is because of the small numbers involved. In fact there were 38 live births; two males died in the first week of life, due to congenital anomalies and birth injury.

Registrar General's Classification of
Deaths in Bakewell Urban District, 1970

Cause of Death	Sex	Total all Ages	Age in Years					
			Under 4 Weeks	15 - 24	45-	55-	65-	75 & Over
B19 (2) Malignant Neoplasm, Oesophagus	M	1	-	-	-	-	-	1
	F	-	-	-	-	-	-	-
B19 (3) Malignant Neoplasm, Stomach	M	1	-	-	-	-	-	1
	F	-	-	-	-	-	-	-
B19 (4) Malignant Neoplasm, Intestine	M	2	-	-	-	-	1	1
	F	1	-	-	-	-	-	1
B19 (6) Malignant Neoplasm, Lung, Bronchus	M	6	-	-	1	3	1	1
	F	-	-	-	-	-	-	-
B19 (7) Malignant Neoplasm, Breast	M	-	-	-	-	-	-	-
	F	1	-	-	1	-	-	-
B19 (8) Malignant Neoplasm, Uterus	F	2	-	-	-	-	1	1
B19(11) Other Malignant Neoplasms	M	1	-	-	-	-	1	-
	F	3	-	-	1	-	2	-
B46 (3) Mental Disorders	M	-	-	-	-	-	-	-
	F	1	-	-	-	1	-	-
B26 Chronic Rheumatic Heart Disease	M	1	-	-	-	1	-	-
	F	1	-	-	-	1	-	-
B27 Hypertensive Disease	M	1	-	-	-	1	-	-
	F	-	-	-	-	-	-	-
B28 Ischaemic Heart Disease	M	13	-	-	2	3	6	2
	F	6	-	-	-	1	1	4
B30 Cerebrovascular Disease	M	8	-	-	-	2	1	5
	F	10	-	-	-	1	3	6
B46 (6) Other circulatory Disease	M	2	-	-	-	2	-	-
	F	3	-	-	-	-	1	2
B32 Pneumonia	M	5	-	-	-	1	-	4
	F	-	-	-	-	-	-	-
B33 (1) Bronchitis and Emphysema	M	1	-	-	-	-	1	-
	F	-	-	-	-	-	-	-
B36 Intestinal obstruction and Hernia	M	1	-	-	-	-	-	1
	F	-	-	-	-	-	-	-
B46 (9) Other diseases, Genito-Urinary System	M	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	1
B42 Congenital Anomalies	M	1	1	-	-	-	-	-
	F	-	-	-	-	-	-	-
B43 Birth Injury, Diffi- cult Labour etc.	M	1	1	-	-	-	-	-
	F	-	-	-	-	-	-	-
BE47 Motor Vehicle Accidents	M	1	-	1	-	-	-	-
	F	-	-	-	-	-	-	-
TOTAL ALL AGES	M	46	2	1	3	13	11	16
	F	29	-	-	2	4	8	15

Registrar General's Classification of
Deaths, 1970

A. Bakewell War Memorial Cottage Hospital

B. Newholme Hospital, Bakewell

<u>Code No.</u>		A		B	
		M	F	M	F
10	Malignant neoplasm-stomach	2	2	-	-
11	Malignant neoplasm-lung, bronchus	5	-	-	-
12	Malignant neoplasm-breast	-	-	-	1
13	Malignant neoplasm-uterus	-	-	-	2
14	Other Malignant and Lymphatic Neoplasms	2	3	1	2
17	Cerebrovascular disease	3	3	12	8
18	Ischaemic heart disease	3	4	2	2
20	Other forms of heart disease	-	1	4	1
21	Other circulatory disease	-	2	1	3
23	Pneumonia	-	1	7	-
24	Bronchitis, emphysema	3	-	1	-
B 26	Chronic rheumatic heart disease	2	-	-	-
26	Peptic Ulcer	-	-	1	-
28	Nephritis and nephrosis	-	-	1	1
32	Diseases of the nervous system	-	-	1	-
36	All other external causes	-	-	1	-
B 36	Intestinal Obstruction and hernia	-	-	-	1
B 37	Cirrhosis of Liver	-	1	-	-
TOTALS		20	17	32	21

NEWHOLME HOSPITAL, BAKEWELL

Number of Patients in hospital at 1st January, 1970	64
Admissions during the year	94
Discharges during the year	36
Deaths during the year	53
Patients remaining in hospital at 31st December, 1970	69

Of the 53 deaths, 32 were male and 21 female

Average age at death of males	79.03
Average age at death of females	79.95

WAR MEMORIAL COTTAGE HOSPITAL, BAKEWELL

Number of Patients in hospital at 1st January, 1970	12
Admissions during the year	177
Discharges during the year	141
Deaths during the year	37
Patients remaining in hospital at 31st December, 1970	11

Of the 37 deaths, 20 were male and 17 female.

Average age at death of males	63.65
Average age at death of females	73.70

INFECTIOUS DISEASES

The Total number notified was 18

Scarlet Fever 5
Measles 10
Whooping Cough 3

AGE GROUP	SCARLET FEVER		MEASLES		WHOOPIING COUGH	
	M	F	M	F	M	F
Under 1 year	0	0	1	0	0	0
1 year	0	0	2	0	0	0
2 years	0	0	1	0	1	0
3 years	1	0	0	0	0	0
4 years	0	0	2	0	1	0
5 - 9 years	2	1	0	2	1	0
10 - 14 years	0	1	1	1	0	0
Total all Ages	3	2	7	3	3	0

IMMUNISATION

It is again satisfactory to record that these continue at a steady rate. The Public is taking advantage of the facilities available.

FOOD POISONING

No cases reported.

TUBERCULOSIS REGISTER

	Males		Females		TOTAL
	Pul.	Non-Pul.	Pul.	Non-Pul.	
On Register 1.1.70	7	1	5	0	13
Admitted during year	0	0	0	0	0
Removed during year	1	0	0	0	1
Remaining on Register 31.12.70	6	1	5	0	12

MEAT INSPECTION

	Cattle inc. Cows	Calves	Sheep	Pigs
Number Inspected	718	3	2,349	905
Diseases other than T. B., Whole caracases	0	0	0	0
Part or organ condemned	72	0	79	10
% of number inspected condemned	10	0	3.3	1.1
<u>Tuberculosis only</u>				
Part or organ condemned	0	0	0	0
% of number inspected affected with T.B.	0	0	0	0
Cystercosis	0	0	0	0

HOUSING

Nine old persons dwellings were completed at Holywell comprising five one bedroom bungalows and four one bedroom flats. These dwellings were all connected to the existing warden system bringing a total of 30 units under the care of the Warden.

The erection of a further twenty dwelling comprising two and three bedroom houses were commenced early in 1970.

It is pleasing to see the Council continuing with their policy of building council houses thereby providing accommodation for elderly persons and young couples who are without the financial resources to purchase their own dwellings.

Since 1966 the Council have completed forty-two dwellings and have a further twenty under construction which represents a substantial increase in the Council's housing stock.

Number of houses erected during 1970 by :

- (a) Local Authority 9
- (b) Private Enterprise 15

WATER

I am indebted to the Engineer and Manager of the North Derbyshire Water Board for the following Report.

NORTH DERBYSHIRE WATER BOARD

Report to Medical Officer of Health on
Water Supply to Bakewell U.D. Year 1970

The supplying authority to the area is the North Derbyshire Water Board.

A.1) The supply sources to the area are a Bulk Supply of treated water from the Derwent Valley Water Board and Fallinge Spring. Both are stored in open reservoirs and pass, after chlorination, into distribution and to three balancing tanks.

Storage in open reservoirs, the absence of filtration and stagnation in balancing tanks at the end of the system inevitably results in deterioration of quality during distribution.

2) The quantity proved adequate, no restrictions being imposed.

B. Chemical and Bacteriological analyses are carried out in the Board's Laboratories. All raw, treated and distributed waters are examined at least monthly.

The number of examinations carried out in 1970, being:-

Bacteriological	266
Chemical	257

Bacteriological results on treated waters have generally been satisfactory. Chemical results vary with location in view of the fact that two sources are involved. Approximate limits of variation being:-

pH	7.0 - 8.8
Alkalinity	6 - 75
Total Hardness (CaCO ₃)	38 - 115
Chloride (Cl)	10.5 - 24.0
Flouride (F)	0.1 - 0.2

C. Samples taken at source, in distribution and after overnight standing in lead service pipes, when examined for residual lead have yielded results which have been within the acceptable figures for lead concentration.

D. i. The number of houses connected in the area during the year was 31.

ii. 739 yards of main was laid for housing developments.

E. Before being brought into use all new mains were washed out, sterilised and samples taken to ensure satisfactory bacteriological and physical results.

F. Waters were monitored for radioactive substances and results were well below the recommended minimum levels.

Monthly reports of current bacteriological and physical results were forwarded to the Medical Officer of Health.

SEWERAGE AND SEWAGE DISPOSAL

Good progress was made on the construction of the Urban and Rural District Council's Joint Sewerage and Sewage Disposal Scheme. The Picory Corner Sewage disposal works and the alterations to the Haddon Road Pumping station are almost completed and it is expected that the Urban District sewage will be being treated at the new works early in 1971.

The Council's own scheme for the relaying of the main outfall sewer has not been finalised but it is expected that Ministry approval will be forthcoming for a start in late 1971.

REFUSE DISPOSAL

Refuse collections and disposal continue to operate satisfactorily although consideration will soon have to be given to the purchase of a new refuse collection vehicle.

FACTORY ACT, 1961

Particulars with regard to the Factory Act, 1961, appear as an appendix. It is worth comment that the Town's major employers of labour the Electric Power Storage Co. Ltd., closed their works in May, 1970, causing many local persons to be either unemployed or to change their occupation.

The Council took all possible steps to persuade the Electric Power Storage Co. to reverse their decision but without success.

The Public Health Inspector's Statistical Report follows this page.

It is with regret that I must record the death in February, 1971 of Dr. Hugh G. Watson, my predecessor, who had served the Council since August, 1967.

I currently hold appointments with districts to the East of Bakewell, and in May, 1971, my appointments were extended, so that I now have the opportunity to serve Bakewell. This was coupled with duties on the County Council, taking a special interest in environmental and pollution problems.

My thanks are due to the Council and my colleagues for their welcome and their help and co-operation, both with general duties, and the compilation of this report.

I am

Your obedient servant,

DAVID P. ADAMS

Medical Officer of Health

ANNUAL REPORT OF PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1970

BAKEWELL URBAN DISTRICT

Inspector : J. D. Blakeway, M.A.P.H.I.

Estimated Population : 4130 Estimated No. of Houses : 1377

<u>GENERAL SANITARY ADMINISTRATION</u>	<u>Number on</u> <u>Register</u>	<u>Inspections</u> <u>made</u>
Bakehouses	3	6
Common Lodging Houses	-	-
Dairies	1	3
Factories and Workplaces	4	3
Houses let in Lodgings	-	-
Ice Cream Premises (a) Manufacturers	-	-
(b) Dealers	18	6
Milk Distributors	-	-
Moveable Dwelling Sites	-	-
Offensive Trades	-	-
Outworkers	-	-
Preserved Food Stores	-	-
Offices, Shops & Railway Premises	86	19
Slaughterhouses (a) Public Abattoirs	-	-
(b) Private	4	328
Knackers Yards	1	4

<u>SEWERAGE AND SEWAGE DISPOSAL</u>	<u>No. of Houses</u>	<u>Est. Population Involved</u>
No. of houses connected to sewers	1357	4034
No. of houses not connected to sewers	20	96
No. of connections made during year :-		
(a) existing houses	-	
(b) new houses	24	
(c) other premises	-	
No. of conversions of other closets to W.C's	-	

HOUSING

Estimated No. of houses declared 'unfit', 1.1.55 to 31.12.70 23
 No. of houses demolished or closed, 1.1.55 to 31.12.70 18

During the year :-

(1) Houses demolished

(a) In Clearance Areas -
 (b) Not in Clearance Areas -
 Unfit houses closed -
 Unfit houses made fit and houses in which defects were remedied . 2
 Unfit houses in temporary use -
 Houses in Clearance Areas purchased -

(2) Improvement Grants

(a) No. approved for conversion or improvement
 (Housing Act, 1958) (Discretionary Grants) 2
 (b) No. approved for improvement (Housing Acts 1959 and
 1969) (Standard Grants) 3
 No. of new dwellings completed
 (a) By Local Authority 9
 (b) By Private Enterprise 15

REFUSE COLLECTION AND DISPOSAL

COLLECTION		DISPOSAL		
Direct Labour	Contract	No. of controlled tips	No. of uncontrolled tips	Destructor Works
YES	NO	1	-	-

MEAT INSPECTION

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
No. Killed	696	22	3	2349	905	-
No. Inspected	696	22	3	2349	905	-

BRUCELLA ABORTUS (SAMPLING)

Milk Sampling figures for the year :-

Type of sample	Total Number taken	Ring Test		Culture		Guinea Pig	
		Pos.	Neg.	Pos.	Neg.	Pos.	Neg.
Individual	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	No. of premises registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices	2	35	5
Retail Shops	1	39	10
Wholesale Shops, Warehouses	1	2	-
Catering establishments open to the public, canteens	1	10	4
Fuel Storage Depots	-	-	-
TOTALS	5	86	19

PERSONS EMPLOYED IN REGISTERED PREMISES

Class of Workplace	No. of persons employed
Offices	150
Retail Shops	156
Wholesale Departments, Warehouses	73
Catering establishments open to the public	107
Canteens	-
Fuel Storage Depots	-

Total 486
Total Males 212
Total Females 274

J. D. BLAKEWAY

Surveyor & Public Health Inspector

FACTORIES ACT, 1961

INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspector).

Premises	Number on Register	Number of		
		Inspec- tions	Written notioes	Occupiers prosecuted
(i) Factories in which Secs. 1,2,3,4 & 6 are to be enforced by Local Authority	6	3	-	-
(ii) Factories not inc. in (i) in which Sec. 7 is enforced by the Local Authority	32	9	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (exclud. out-workers' premises	-	-	-	-
Total	38	12	-	-

2 - Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	-	-	-	-	-
Sanitary conveniences :	-	-	-	-	-
a) Insufficient	-	-	-	-	-
b) Unsuitable or defective	-	-	-	-	-
c) Not separate for sexes	-	-	-	-	-
Total	-	-	-	-	-

3 - OUTWORK - Nil.

